



Docket No. 9792909-0336

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:
Akashi *et al.*

Serial No.: 09/575,237

Filed: May 22, 2000

For: **SOLID ELECTROLYTE BATTERY**

Examiner: C. Chaney

Group Art Unit: 1745

11/B
W.M.
8/14/02
(N.R.)

AMENDMENT "A"

In response to the outstanding office action dated January 29, 2002, please consider the following amendments, remarks, and substitute specification. Enclosed is a Petition for three month Extension of Time and an authorization for the requisite fee, so that the period for response runs to and includes July 29, 2002.

In the Specification

Please amend claims 1 and 2 as follows:

1. (amended) A solid electrolyte battery comprising:

a positive electrode;

a negative electrode disposed opposite to said positive electrode;

a separator having opposing first and second surfaces, disposed between said positive electrode and said negative electrode; and

a solid electrolyte disposed adjacent to said first separator surface between said positive electrode and said separator and disposed adjacent to said second separator surface between said separator and said negative electrode, wherein

said separator is made of a polyolefin porous film, said polyolefin porous film having a thickness not less than 5 μm nor greater than 15 μm and a volume porosity not less than 25 % nor greater than 60 %, and the impedance in said solid electrolyte battery is higher at a temperature not less than 100° C nor greater than 160° C than the impedance at room temperature.

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